

## R/C Li-Po Battery Specification

Model: **RD511**

**11.1V 5000mAh/25C**

### Specifications



Item		(mm)	(inch)
Pack Dimension	Thickness	25.1-0.2	0.99-0.01
	Width	46.0±0.5	1.81±0.02
	Length	152.0±0.5	5.98±0.02
Weight	Gram	Approx. 365	
	Ounce	Approx. 12.9	

Nominal Capacity <sup>(1)</sup>		5000mAh
Nominal Voltage <sup>(2)</sup>		11.1V
Impedance at 1kHz		Max. 8mΩ
Charge	Current	Max. 10A (2C)
	Voltage	Max. 12.75V
Discharge	Continuous Current	Max. 125.0A(20C)
	Burst Current	Max. 250.0A(60C)
	Voltage cut-off	9.0V
Cycle Life	1C/1C	200 cycle
	80% Retention	1C/50C
Self-discharge		<8% per month
Operating Temperature Range	Charge	0°C~45°C
	Discharge	-20°C~60°C
	Storage	-20°C~40°C

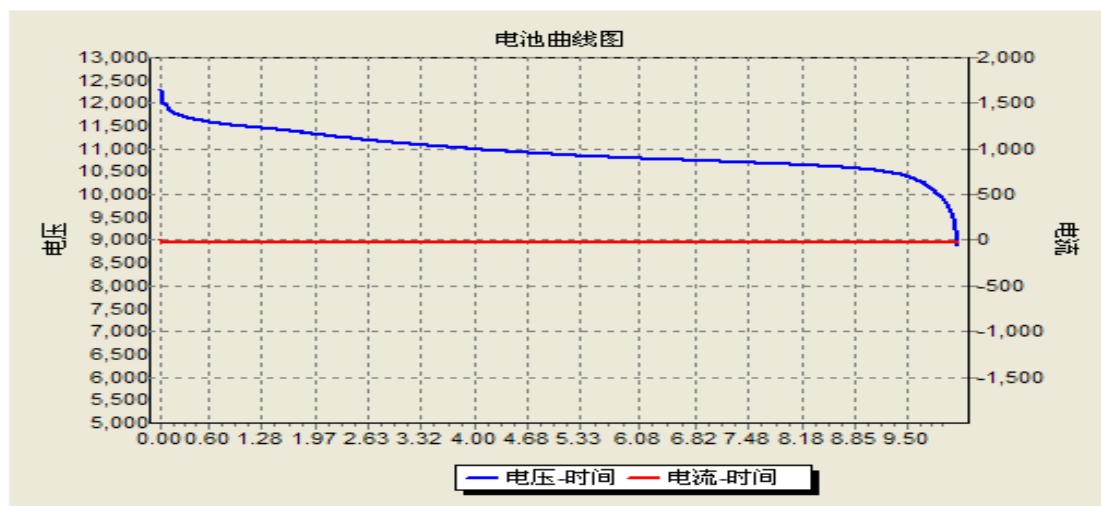
(1) Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 9.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.5C, end of voltage 9.0V, temperature 23±2°C.

### High Rate Discharge Curves

#### 30A Discharge

Step	Cycle	Situation	OPV	Cut-Off	Durration	ADV	Current	Capacity	Power
			mv	mv	min	mv	A	AH	WH
1	0	CC	12288	8890	10.15	10932.91	-30.05	5.08	55.57



The information in this document is based on documents issued in February, 2011 at the latest.

The information is subject to change without notice. For actual design-in refer to the latest publication of data sheet, etc., the most up-date specifications of the device. RD511-page 1 / total 1